

### **AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing Of Claims:**

- 1.-11. (Canceled)
12. (New) A smoke detector, comprising:  
an image sensor; and  
a light source, wherein:  
the image sensor records a presence of smoke at a close distance, and  
the light source can be activated when ambient light is insufficient for the image sensor.
13. (New) The smoke detector as recited in Claim 12, wherein:  
the smoke detector recognizes an intensity of the ambient light based on a signal from the image sensor.
14. (New) The smoke detector as recited in Claim 12, further comprising:  
an ambient light sensor for measuring an intensity of the ambient light.
15. (New) The smoke detector as recited in Claim 12, wherein:  
the image sensor is configured for monitoring at a distance of 5-20 cm.
16. (New) The smoke detector as recited in Claim 12, wherein:  
the image sensor is disposed in a labyrinth.
17. (New) The smoke detector as recited in Claim 12, wherein:  
the light source includes a light-emitting diode.
18. (New) The smoke detector as recited in Claim 12, further comprising:  
an arrangement for mounting flush on one of a wall and a ceiling.
19. (New) The smoke detector as recited in Claim 12, wherein:  
the image sensor includes a miniature camera.
20. (New) The smoke detector as recited in Claim 12, wherein:  
a field of vision of the image sensor one of points downward and points at an angle toward a side from a detector cover.

21. (New) The smoke detector as recited in Claim 12, further comprising:  
a cover; and  
an optical system for focusing on a focal point about 10 cm on the cover.
22. (New) The smoke detector as recited in Claim 12, wherein:  
the image sensor generates a reference image for subsequent comparisons at  
specified times.